

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000662

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/716 A61K35/78 A61P17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/43719 A (WEISSMAN GLENN H) 6 June 2002 (2002-06-06) example 2 -----	1,2,8,9
X	WO 00/67626 A (FIELDER DAVID ; CEAPRO INC (CA); REDMOND MARK J (CA)) 16 November 2000 (2000-11-16) example 9 -----	1-4
X	US 5 980 918 A (KLEIN BARBARA K) 9 November 1999 (1999-11-09) the whole document -----	1,8,9
X	WO 01/74300 A (BRENNEN MEDICAL INC) 11 October 2001 (2001-10-11) page 3, lines 1-4 page 8, lines 17-22 -----	1,8,9
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

24 September 2004

Date of mailing of the international search report

11/10/2004

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PCT/CA2004/000662

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ESTRADA A ET AL: "Effect of administration of oat beta-glucan on immune parameters of healthy and immunosuppressed beef steers." CANADIAN JOURNAL OF VETERINARY RESEARCH = REVUE CANADIENNE DE RECHERCHE VETERINAIRE. OCT 1999, vol. 63, no. 4, October 1999 (1999-10), pages 261-268, XP002297977 ISSN: 0830-9000 page 263</p> <p>-----</p>	1,6,8,9
P,X	<p>WO 03/054077 A (CEAPRO INC ; FIELDER DAVID A (CA); REDMOND MARK J (CA)) 3 July 2003 (2003-07-03) page 8, lines 29-32; claims 1,10-14</p> <p>-----</p>	1,5-11
A	<p>ESTRADA ALBERTO ET AL: "Immunomodulatory activities of oat beta-glucan in vitro and in vivo" MICROBIOLOGY AND IMMUNOLOGY, vol. 41, no. 12, 1997, pages 991-998, XP009036004 ISSN: 0385-5600 abstract</p> <p>-----</p>	1-27
A	<p>CHEUNG NAI-KONG V ET AL: "Orally administered beta-glucans enhance anti-tumor effects of monoclonal antibodies." CANCER IMMUNOLOGY IMMUNOTHERAPY, vol. 51, no. 10, November 2002 (2002-11), pages 557-564, XP002297978 ISSN: 0340-7004 abstract</p> <p>-----</p>	1-27
A	<p>YUN C-H ET AL: "'beta!-Glucan, extracted from oat, enhances disease resistance against bacterial and parasitic infections'" FEMS IMMUNOLOGY AND MEDICAL MICROBIOLOGY 21 FEB 2003 NETHERLANDS, vol. 35, no. 1, 21 February 2003 (2003-02-21), pages 67-75, XP002297979 ISSN: 0928-8244 abstract</p> <p>-----</p>	1-27
		-/-

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BRAATEN J T ET AL: "OAT BETA-GLUCAN REDUCES BLOOD CHOLESTEROL CONCENTRATION IN HYPERCHOLESTOLEMIC SUBJECTS" EUROPEAN JOURNAL OF CLINICAL NUTRITION, XX, XX, vol. 48, July 1994 (1994-07), pages 465-474, XP001027909 abstract -----	1-27
A	US 5 518 710 A (BHATTY RATTAN S) 21 May 1996 (1996-05-21) the whole document -----	1-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/CA2004/000662

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 0243719	A 06-06-2002	AU WO US	1994502 A 0243719 A2 2002102316 A1	11-06-2002 06-06-2002 01-08-2002
WO 0067626	A 16-11-2000	AU AU CA WO EP JP	767424 B2 5393200 A 2368218 A1 0067626 A2 1185241 A2 2002544145 T	13-11-2003 21-11-2000 16-11-2000 16-11-2000 13-03-2002 24-12-2002
US 5980918	A 09-11-1999	CA EP JP WO US	2304815 A1 1024784 A1 2001520982 T 9921531 A1 6168799 B1	06-05-1999 09-08-2000 06-11-2001 06-05-1999 02-01-2001
WO 0174300	A 11-10-2001	AU EP WO US	5087501 A 1267795 A1 0174300 A1 2004005364 A1	15-10-2001 02-01-2003 11-10-2001 08-01-2004
WO 03054077	A 03-07-2003	WO CA EP	03054077 A1 2467378 A1 1453909 A1	03-07-2003 03-07-2003 08-09-2004
US 5518710	A 21-05-1996	NONE		